Polymer Dentistry

CATALOG

Time-tested quality!

The assignee of the trade mark **«Medpolymer»,** which produced materials for practicing dentists since 1937, was the company **«Polymer-Dentistry».** The young innovative enterprise was founded by the supporters of «Medpolymer» dentistry traditions, who managed not only to preserve unique Soviet technologies and quality, but also to develop them to the technological level of the 21st century.

The production of dental materials «Medpolymer» from St. Petersburg was moved to the production site of JSC «EP «VladMiVa» in Belgorod. One of the criteria for choosing this site was the availability of a certified quality management system in production in accordance with ISO 13485. The quality management system operating at JSC «EP «VladMiVa» is an indicator of the company's reliability and ability to produce products not only in accordance with the technical specifications, but also in accordance with the requirements of international standards. Unique specifications were carefully preserved, transported and reassembled.

Currently, industrial production of all dental cements, a metal group of medical products - clasps, sleeves, orthodontic wire, matrices and strips of stainless steel, abrasive dental heads and elastic grinding wheels has been mastered. . The catalog presents the entire range, manufactured by the company «Polymer-Dentistry». In the future, it is planned to expand the range of products.

We are sure that the innovative approaches of «Polymer-Dentistry» and the certified quality management system of **«VladMiVa»** company are a confirmation of the high quality and reliability of the products presented in the catalog.

CONTENT

THERAPEUTIC DENTISTRY

Silicin plus 2
Silidont-2 2
Unifas-2 3
Elastic stainless matrices 3
Elastic stainless strips 3

SURGICAL DENTISTRY

Aluminum wire for splinting 4
Ligature wire for splinting 4
Wire for orthodontic devices 5

ORTHOPEDIC DENTISTRY

Gelin 6
Dental crown sleeves 6
Dental grinding heads 6
Heads for natural teeth treatment:
for straight 7
for angled 7
Heads for the processing of the steel 8
Heads for the processing protheses of the plastic 8
Heads for the processing protheses of cobalt-chromium alloy 9
Heads for the processing protheses of the nylon 10
Heads for processing of artificial and natural nails in cosmetology.. 11
Steel round clasps 12
Steel round clasps (Nti) 12
Dental cutting wheel on rubber bond 12
Grinding elastic wheels on rubber bond 13
Polishing flexible wheels 13
Dental grinding wheels 14
Paper discs water-proof 16
Separating vulcanite discs 16
Polishing powder for dentures 16

Belgorod 2019

SILICIN PLUS

FILLING SILICATE CEMENT

code	packaging	weight
00000024835	Powder Liquid	50 g 30 g

PURPOSE

Filling of the front and side teeth when the cavities are localized on the vestibular surfaces, when the fillings have to meet the aesthetic requirements.

FEATURES

It has sufficient adhesion, chemical resistance and translucency. The seal of cement «Silicin Plus» has the shine and liveliness characteristic of the enamel of natural teeth.

«Silicin Plus» consists of powder and liquid for mixing. Powder is a finely divided aluminofluorosilicate glass with additives of polyvinyl chloride microsuspension. The liquid contains orthophosphoric acid, partially neutralized with aluminum hydroxide and zinc oxide.

SILIDONT-2

FILLING SILICON PHOSPHATE CEMENT

code	packaging	weight
00000024836	Powder Liquid	50 g 30 g

PURPOSE

For filling of lateral teeth and contact surfaces of anterior teeth, if cavities do not spread to the vestibular surface. With medium and deep caries needs an isolating pad.

FEATURES

It has high mechanical strength and chemical resistance. Consists of powder and liquid for mixing. The powder is a mixture of a powder of aluminofluorosilicate glass and a powder based on zinc hydroxide with the addition of modifying oxides. The liquid consists of a solution of orthophosphoric acid, partially neutralized with zinc oxide and aluminum hydroxide.

UNIFAS-2

ZINC PHOSPHATE CEMENT

PURPOSE

- for fixing inlays, pins, crowns and bridges;
- for fixing metal-ceramic crowns and prostheses;
- for pads for other filling materials;
- for sealing the teeth root canals;
- for filling of teeth, that should be covered by crowns.

FEATURES

It has sufficient adhesion, high indexes of physical and mechanical strength and chemical resistance, promotes the regeneration of tooth tissues, prevents the complication and development of secondary caries.

Consists of powder and liquid for mixing. Powder is a product of fine grinding of clinker obtained as a result of sintering a mixture of zinc, magnesium oxide, silica (quartz), bismuth oxide and ammonium molybdate with the addition of sodium fluoride and calcium hydroxide.

The liquid is an orthophosphoric acid, partially neutralized with aluminum hydroxide and zinc oxide.

code	packaging	weight
00000024818	Powder Liquid	100 g 60 g

METAL PRODUCTS

ELASTIC STAINLESS MATRICES

ELASTIC STAINLESS MATRICES

PURPOSE

Metal, elastic, stainless matrices for forming fillings between teeth during filling.

code	packaging	weight
00000025631	37 x 7,5 x 0,06	25 pcs

ELASTIC STAINLESS STRIPS

PURPOSE

Metal separating elastic stainless strips for limiting the filling cavity between the teeth.

code	packaging	weight
00000025632	40 x 7,0 x 0,06	100 pcs

ALUMINUM WIRE

FOR SPLINTING

PURPOSE

Overlapping tires on the teeth with jaw fractures.

FEATURES

- Optimal elasticity
- Holds shape well

code	packaging	Ø, mm	L, m
00000024907	1 pkg	2,0	5,0

LEGATURE WIRE

FOR SPLINTING

PURPOSE

Correction of maxillofacial deformations.

FEATURES

- High inertness
- Excellent durability
- Holds shape well

code	packaging	Ø, mm	L, m
00000026147	1 pkg	0,5	5,0

WIRE FOR ORTHODONTIC DEVICES

PURPOSE

Making of orthodontic devices and clasps.

FEATURES

- From nitinol
- Stainless steel
- Excellent durability

code	packaging	Ø, mm	L, m
00000024908	1 pkg	0,6	5,0
00000024971	1 pkg	0,8	5,0
00000024909	1 pkg	1,0	5,0
00000024972	1 pkg	1,2	5,0

ORTHOPEDIC DENTISTRY

GELIN

HYDROCALLOID DUPLICATING MASS

PURPOSE

Duplicating mass for clasp prosthesis. Is used for casting negative forms in one-stage making of cast-piece clasp dentures from cobalt-chromium alloy according too refractory models.

FEATURES

The composition of the hydrocolloid duplicating mass includes agar-agar, distilled water, ethylene glycol. «Gelin» has a high accuracy of reproduction and ensures the smooth surface of the model.

code	packaging
00000025630 00000025760	300 g 2,0 kg

DENTAL CROWN SLEEVES

PURPOSE

Stainless sleeves made by stamping and used in dental prosthetics for making dental crowns.

code	Ø, mm	packaging
00000025000	7	100 pcs
00000024963	8	100 pcs
00000025001	9	100 pcs
00000025002	10	100 pcs
00000025005	11	100 pcs
00000024968	12	100 pcs
00000025064	12,5	100 pcs
00000025203	13,5	100 pcs
00000025189	14,5	100 pcs
00000025010	15,5	100 pcs
00000024967	16	100 pcs
00000025011	17	100 pcs

DENTAL GRINDING HEADS

packaging
10 pcs

Other sizes of the heads are produced on request

heads for processing of natural teeth

for straight tips

		артикул
Angled	GU-4	00000026375
Angled	GU-6	00000026407
Angled	GU-8	00000009433
Angled	GU-10	00000026408
Angled with a recess	GUV-10	00000026409
Vaulted	GCV-7	00000026413
Angled with a rounded top	GUZ-5	00000026410

for angled tips

Angled	GU-4	00000026394
Angled	GU-6	00000026396
Angled	GU-8	00000009432
Angled	GU-10	00000026397
Vaulted	GCV-7	00000026402
Angled with a recess	GUV-10	00000026398
Angled with a rounded top	GUZ-5	00000026399

ORTHOPEDIC DENTISTRY

for straight tips

heads for processing of steel prostheses

	Angled	GU-4	00000006579
	Angled	GU-6	00000026420
	Angled	GU-10	00000026421
	Angled with a recess	GUV-10	00000026422
	Vaulted	GSV-7	00000026423
	Vaulted	GSV-10	00000031914
	Vaulted	GSV-12,5	00000008883
	Angled with a rounded top	GYZ-10,8	00000008882

heads for processing of plastic prostheses

	Cone	GK-6	00000043218
	Vaulted	GSV-10	00000026417
	Vaulted	GSV-12,5	00000026416
	Cone with a rounded top	GKZ-12,5	00000026406
	Cone with rounded top	GKZ-12,8	00000026415
	Angled with rounded top	GUZ-10,8	00000026404
	Round	GSH-12,5	00000026418

heads for processing of cobalt-chromium alloy

	Angled	GU-4	00000026435
	Angled	GU-6	00000026437
	Angled	GU-10	00000026436
	Cone	GK	00000026434
	Vaulted	GSV-7	00000026440
	Vaulted	GSV-10	00000026441
	Vaulted	GSV-12,5	00000026442
	Angled with a rounded top	GUZ-10,8	00000026438

ORTHOPEDIC DENTISTRY

package
1 pcs

Types of tips are:

Color code coarse | medium | fine

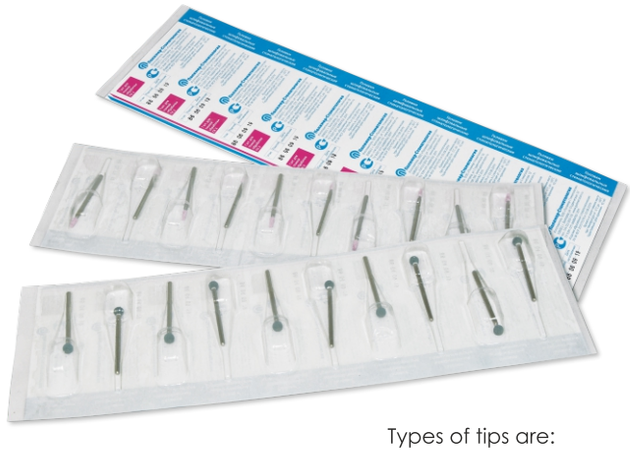
for straight tips

heads for processing of nylon prostheses

Angled	GU-4		00000043049
Angled	GU-6		00000000000
			00000043050
			00000043265
Cone	GK-6		00000054208
			00000043048
			00000043041
Vaulted	GSV-10		00000043044
			00000043033
			00000043253
Vaulted	GSV-12,5		00000043045
			00000043034
			00000043036
Round	GSH-12,5		00000043046
			00000043047
			00000043038
Angled with a rounded top	GUZ-10,8		00000043264
			00000054209
			00000054211
Cone with a rounded top	GKZ-12,5		00000043042
			00000043032
			00000043040
Cone with a rounded top	GKZ-12,8		00000043043
			00000043035
			00000043039
Cone with a rounded top	GKZ-14,5		00000043801
			00000043800
			00000043799
Cone with a rounded top	GKZ-20		00000043037

NEW!

package
10 pcs



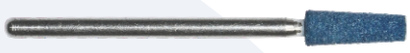
Types of tips are:

Color code | ultrafine | fine | medium | coarse |

for straight tips

heads for processing of artificial and natural nails in cosmetology

Cone	GK-3	00000061882 00000061883 00000061884 00000061885



Cone	GK-4	00000061890 00000061891 00000061892 00000061893

Vaulted	GSV-4	00000061861 00000061862 00000061864 00000061865

Cylindrical	GC-2	00000061894 00000061895 00000061896 00000061897

Cylindrical	GC-6	00000061886 00000061887 00000061888 00000061889

Round	GSH-3	00000061878 00000061879 00000061880 00000061881

Round	GSH-4	00000061874 00000061875 00000061877 00000061876

Round	GSH-5	00000061870 00000061871 00000061872 00000061873

Oviform	GYA-3	00000061866 00000061867 00000061868 00000061869

STEEL ROUND CLASPS

PURPOSE

Fixation of dental prostheses in the oral cavity.

code	packaging	Ø, mm	L, mm
00000024969 00000024970	500 pcs (160 / 340) 500 pcs (160 / 340)	1,0 1,2	32 / 25 32 / 25

STEEL ROUND CLASPS (NTi)

PURPOSE

Fixation dental prostheses in the oral cavity with nitride-titanium coating.

code	packaging	Ø, mm	L, mm
00000025215 00000025216 00000025214 00000025217	1 pcs 1 pcs 1 pcs 1 pcs	1,0 1,0 1,2 1,2	25 32 25 32

DENTAL CUTTING WHEELS

ON VULCANITE BOND

PURPOSE

Precise and high-quality cutting of metal structures of dental prostheses from cobalt-chromium alloys and stainless steels, as well as for cutting interdental grooves.

As an abrasive, high-quality electrocorundum is used, which ensures high cutting properties of the product.

code	packaging	$Ø_1$, mm	$Ø_2$, mm	F, mm
00000034850 00000039231	30 pcs 45 pcs	40,0 40,0	2,0 2,0	1,5 1

$Ø_1$ - circle diameter

$Ø_2$ - hole diameter

F - thickness

ELASTIC GRINDING WHEELS
(for grinders)

PURPOSE

Processing crowns and bridges of stainless steels, solid dentures of various lengths, clasp wheel piece dentures from cobalt-chromium alloys, stamped-soldered crowns on a grinding machine with a rotation speed of up to 3000 rpm.

- **for fine processing (gray color)**
  Fine grinding and polishing.
  Using it you can make steel and KHS products shine.
- **for rough processing (green color)**
  Initial roughing and rough grinding, removal of roughness.
  And it can be used to process goods made of precious metals.

code	package	$Ø_1$, mm	$Ø_2$, mm	F, mm
fine				
00000034852	10 pcs	50,0	10,0	8
00000034853	3 pcs	90,0	10,0	8
rough				
00000043803	10 pcs	50,0	10,0	8
00000043802	3 pcs	90,0	10,0	8

$Ø_1$ - circle diameter
$Ø_2$ - hole diameter
F - thickness

POLISHING FLEXIBLE WHEELS
(for dental drills)

PURPOSE

Processing crowns and bridges of stainless steels, solid dentures of various lengths, clasp wheel piece dentures from cobalt-chromium alloys, stamped-soldered crowns on a grinding machine with a rotation speed of up to 3000 rpm.

- **for fine processing (gray color)**
  Polishing works on the drill with the processing of metal dentures.
  With their help you can achieve the brilliance of products made of steel and cobalt-chromium alloys.
- **for rough processing (green color)**
  Initial grinding, removal of roughness, preliminary polishing.
  With their help you can also handle products made of precious metals.

code	package	$Ø_1$, mm	$Ø_2$, mm	F, mm
fine				
00000034847	50 pcs	18,0	2,0	4,0
00000034848	50 pcs	20,0	2,0	4,0
00000000000	50 pcs	22,0	2,0	4,0
rough				
00000045151	50 pcs	18,0	4,0	4,0
00000043804	50 pcs	20,0	4,0	4,0
00000000000	50 pcs	22,0	4,0	4,0

$Ø_1$ - circle diameter
$Ø_2$ - hole diameter
F - thickness

DENTAL GRINDING WHEELS

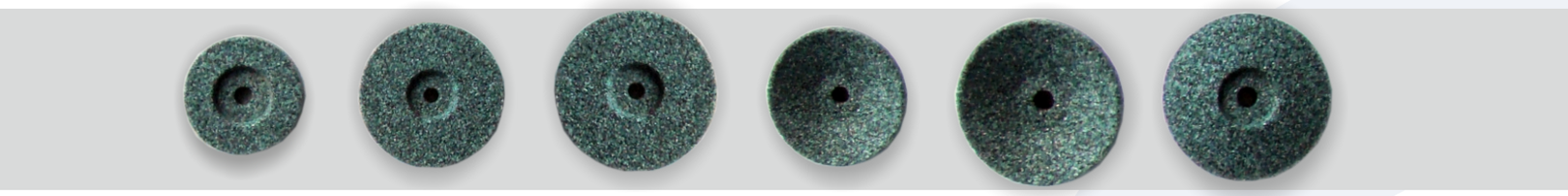
PURPOSE

Made of grinding material on **ceramic bond** for the processing of natural teeth, steel prostheses, cobalt-chronium alloy, plastic prostheses (PV, CHK, CHCHV, PP)

packaging	Ø ,mm
50 psc 10 psc	12-22 50 / 65

FOR THE PROCESSING OF NATURAL TEETH (for dental drills)

flat with recess			cup conical		lentils with an undercut
PV-12x3	**PV-14x3**	**PV-16x3**	**CHK-13x4**	**CHK-18x5**	**CHCHV-18x3**
00000034855	00000034856	00000034857	00000034858	00000034859	00000034860



FOR PROCESSING OF STEEL PROSTHESES

flat with recess		cup conical	lentils with an undercut
PV-18x3	**PV-20x3**	**CHK-18x5**	**CHCHV-22x3**
00000007817	00000007816	00000034862	00000007815

	flat straight	
PP-20x3	**PP-50x6**	**PP-65x6**
00000034359	00000008558	00000034861

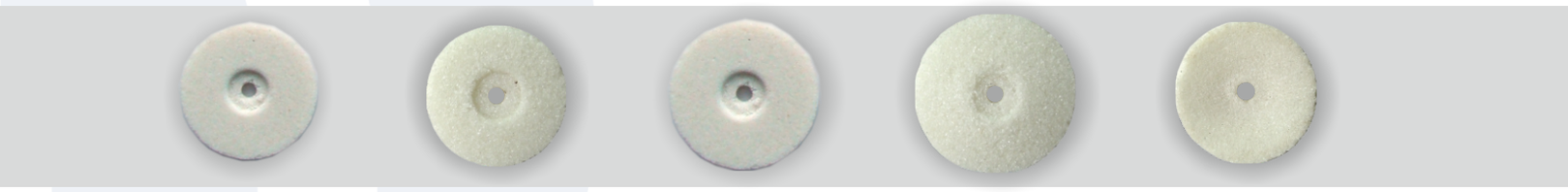
FOR PROCESSING OF COBALT-CHROME ALLOY (CCA)

flat straight profile				flat with recess
PP-65x6	**PP-50x6**	**PP-20x3**	**PP-14x3**	**PV-20x3**
00000034863	00000005818	00000008486	00000034864	00000036982

lentils with an undercut		cup conical	
CHCHV-22x3	**CHCHV-18x3**	**CHK-18x5**	**CHK-13x4**
00000008484	00000008485	00000008487	00000034865

FOR PROCESSING OF PLASTIC PROSTHESES

	flat with recess		lentils with an undercut	cup conical
PV-16x3	**PV-18x3**	**PV-20x3**	**CHCHV-22x3**	**CHK-18x3**
00000037114	00000034867	00000034868	00000000000	00000000000



flat straight profile			
PP-18x3	**PP-20x3**	**PP-50x6**	**PP-65x6**
00000000000	00000000000	00000033177	00000034866

DISCS

PAPER WATERPROOF

PURPOSE

Treatment of cement fillings.
Made of silicon carbide, fixed on a paper base.

code	packaging	Ø, mm
00000034841 00000034842	400 pcs 400 pcs	18,0 20,0

DISCS

SEPARATING VULCANITE

PURPOSE

Processing of hard tooth tissues, precise and high-quality cutting of metal structures of dental prostheses made from cobalt chronium alloy and stainless steels, as well as for cutting interdental grooves.

As an abrasive, high-quality electro-corundum is used, which ensures high cutting properties of the product.

code	packaging	Ø, mm
00000034844 00000034845	400 pcs 400 pcs	18,0 22,0

POLISHING POWDER

FOR TOOTH PROSTHESES

PURPOSE

Polishing of plastic and metal removable dentures.

FEATURES

Polishing powder is a finely divided quartz-feldspar material with a small addition of kaolin.

code	packaging
00000024837	2 kg

Here you can buy these products:

Trade House «VladMiVa»

118, Sadovaya Str., Belgorod, 308023, Russia
tel./fax: +7(4722) 200-555
inttrade@vladmiva.ru

our branches:

Moscow office: 1, Krasnaya Str., lit 2g Ljubertsy, 140000, Moscow Region,
tel./fax: +7(495) 565-42-43, 565-42-44
ddvladmiva@gmail.com

21, 1-Pushkarnaya Str., Kursk, 305004
tel./fax: +7(4712) 227-446, 227-445
kursk@tdvladmiva.ru

27, Botanic Str., Orel, 302016
tel./fax: +7(4862) 72-54-60, +7 (4862) 72-54-61
orel@tdvladmiva.ru

29a, Zhukov micro-district, Stary Oskol, 309512
tel./fax: +7(4725) 33-39-33, 39-05-03
st_oskol@tdvladmiva.ru

46, Demonstration Str., Tula, 300034, Russia
tel./fax: +7(4872) 70-13-20
tula@tdvladmiva.ru

34, Aviatsionnaya Str., Bryansk, 241001, Russia
tel./fax: +7(4832) 595-446
bryansk@tdvladmiva.ru

101, Working Str., Voronezh, office 100, 394049
tel./fax: +7(473) 239-27-77, 239-27-80
voronezh@vladmiva.ru

RETAIL:

www.vladmiva.ru

Trade House «VladMiVa»
118, Sadovaya str., Belgorod, 308023, Russia
t / f: (4722) 200-555
inttrade@vladmiva.ru

INTERNET STORE

www.tdvladmiva.ru

WHOLESALE

www.enigmadent.ru

LLC «TD ENIGMA DENT»
125190, Moscow, Leningradsky pr., h. 80, app. 30
t/ f: (495) 799-92-65
(495) 799-92-66
(495) 787-32-75

«Polymer Dentistry»

LLC «Polymer Dentistry» Belgorod, Studencheskaya str., 52
tel/fax: (4722) 200-555, inttrade@tdvladmiva.ru

www.polimerstom.ru